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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/981,328	10/16/2001	Jason Lango	020564-000400US	4985

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EXAMINER

BILGRAMI, ASGHAR H

ART UNIT PAPER NUMBER

2143

DATE MAILED: 01/13/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/981,328

Applicant(s)

LANGO ET AL.

Examiner

Asghar Bilgrami

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 16 October 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 February 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Gunaseelan et al (U.S. Pub No 2002/0097750 A1).

3. As per claims 1, 6, 9, 13 & 16 Gunaseelan disclosed a method for reducing magnitudes of output traffic bursts in a streaming media cache comprises: receiving a request from a first client system for a stream of media data, the stream of media data including a first streaming media data packet and a second streaming media data packet; receiving a request from a second client system for the stream of media data (Page.1, paragraph.7); receiving the first streaming media data packet from an upstream server, the first streaming media data packet including a delivery time; determining a first modified delivery time for the first streaming media data packet (page.3, paragraph.27); determining a second modified delivery time for the first streaming media data packet, the first modified delivery time different from the second modified delivery time; modifying the first streaming media data packet with the first modified delivery time to form a first modified first streaming media data packet; modifying the first streaming media data packet

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with the second modified delivery time to form a second modified first streaming media data packet; outputting the first modified first streaming media data packet to the first client system at the first modified delivery time; and outputting the second modified first streaming media data packet to the second client system at the second modified delivery time (page.3, paragraph.32 and page.4, paragraphs.37 & 38).

4. As per claims 2, 7, 10, 14 & 20 the method of claim 6 wherein determining the first modified delivery time for the second streaming media data packet comprises adding the first delay value to the delivery time of the second streaming media data packet (page.4, paragraphs.37 & 38).

5. As per claims 3, 11 & 19 the method of claim 16 wherein delaying the packet delivery time for the first packet of data to be delivered to the first downstream client system comprises delaying the first packet of data by a delay factor selected from 0-500 milliseconds (page.4, paragraph.40, lines 1-10).

6. As per claims 4 & 15 the method of claim 3 wherein the first delay value is pseudo-randomly selected from the range (milliseconds (page.4, paragraph.40).

7. As per claims 5, 8 & 12 the method of claim 1 further comprising: receiving a data file from the upstream server, the data file including a payload portion of the first streaming media data packet and a payload portion of the second 4 streaming media data packet (page.2,

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paragraph.26); and storing the data file in a storage within the streaming media cache (page.2, paragraph.23, lines, 16-26).

8. As per claim 17 the method of claim 16 wherein the first packet of data is framed (page.2, paragraph.26).

9. As per claim 18 the method of claim 16 wherein the first packet of data comprises streaming media data (page.2, paragraph.26).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Asghar Bilgrami whose telephone number is 571-272-3907. The examiner can normally be reached on M-F, 8:00-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on 571-272-3923. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Asghar Bilgrami
Examiner
Art Unit 2143

AB


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